

What Is Claimed Is:

1. A method for analyzing a network infrastructure, the method comprising steps of:
  - (a) generating a graphical representation of the network infrastructure wherein the graphical representation represents physical locations of the network infrastructure on a geographic map;
  - (b) testing a portion of the network infrastructure with an OTDR signal to generate an OTDR trace;
  - (c) displaying the OTDR trace resulting from step (b),
    - (A) linking a cursor position on the OTDR trace displayed in step (c) with an actual location on the graphical representation generated in step (a).
2. The method of claim 1 further comprising a step of (e) displaying the cursor position linked in step (d) on the graphical representation generated in step (a).
3. A method for analyzing a network infrastructure, the method comprising the steps of:
  - (a) generating a graphical representation of the network infrastructure wherein the graphical representation represents physical locations of the network infrastructure on a geographic map;
  - (b) generating a logical representation of the network infrastructure wherein the logical representation represents corrections in the network infrastructure; and
  - (c) selectively displaying the graphical representation and logical representation.
4. The method of claim 3 further comprising a step (d) of modeling select equipment in the network infrastructure.

5. The method of claim 4 further comprising a step (e) of displaying the select equipment modeled in step (d).
6. A computer program for modeling a network infrastructure, comprising:
- (a) a mapping workspace program for generating a graphical representation of the network infrastructure, wherein the graphical representation represents physical locations of the network infrastructure on a geographic map;
  - (b) a testing program for linking a position of a cursor on the OTDR trace with an actual location on the geographical representation.
7. A computer-readable medium having computer-executable instructions for the method recited in claim 1.
8. A computer-readable medium having computer-executable instructions for the method recited in claim 3.
9. A computer data signal embodied in a carrier wave readable by a computing system and encoding a computer program of instructions for executing a computer program of instruction for executing a computer program performing the method recited in claim 1.
10. A computer data signal embodied in a carrier wave readable by a computing system and encoding a computer program of instructions for executing a computer program of instruction for executing a computer program performing the method recited in claim 3.